

	Hits	Search Text	DBs
1	3	(("20020028021") or ("6389169") or ("5740283")) .PN.	US-PGPUB; USPAT
2	0	l11 and ((adult or sexual or offended or unhealthy or harmful or detrimental) near2 content\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
3	0	l11 and ((adult or sexual or offended or unhealthy or harmful or detrimental) with content\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
4	7108	((adult or sexual or offended or unhealthy or harmful or detrimental) with content\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	4579	l14 and @ad < "20001019"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
6	8787	((adult or sexual or offended or unhealthy or harmful or detrimental) with (word\$1 or key\$1word\$1 or term\$1 or phrase\$1 or sentence\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
7	158	l15 and l16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
8	21	l17 and stem\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
9	21	l18 and weight\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
10	308	(adult adj content\$1) or (parental adj watch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
11	308	(adult adj content\$1) or ((parental adj watch\$4) near5 content\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
12	74	l21 and @ad < "20001019"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
13	1	l22 and stem\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
14	1	123 and weight\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
15	0	111 and stem\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
16	3	111 and weight\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
17	0	126 and stem\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
18	2	("5535013").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
19	0	128 and (image\$1 with coefficient\$1) and (vector\$4 or categor\$5 or group\$5 or class\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
20	2	128 and (image\$1 with coefficient\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
21	63	((filter\$4 or deny\$5 or block\$5) with access\$5 with ((bad or sexual or harmful or adult or detrimental or unhealthy) with content\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
22	26	131 and @ad < "20001019"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
23	0	132 and stem\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
24	0	133 and (image\$1 with coefficient\$1) and (vector\$4 or categor\$5 or group\$5 or class\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
25	0	132 and (image\$1 with coefficient\$1) and (vector\$4 or categor\$5 or group\$5 or class\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
26	23	l32 and (vector\$4 or categor\$5 or group\$5 or class\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
27	13	l36 and imag\$4 and audio and video and text	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

09/978, 182

File 275:Gale Group Computer DB(TM) 1983-2005/Sep 09
 (c) 2005 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Sep 12
 (c) 2005 The Gale Group
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Sep 09
 (c) 2005 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2005/Sep 09
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 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2005/Sep 12
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 (c) 2005 McGraw-Hill Co. Inc
 File 15:ABI/Inform(R) 1971-2005/Sep 10
 (c) 2005 ProQuest Info&Learning
 File 647:CMP Computer Fulltext 1988-2005/Aug W4
 (c) 2005 CMP Media, LLC
 File 674:Computer News Fulltext 1989-2005/Sep W1
 (c) 2005 IDG Communications
 File 696:DIALOG Telecom. Newsletters 1995-2005/Sep 07
 (c) 2005 Dialog
 File 369:New Scientist 1994-2005/Jun W2
 (c) 2005 Reed Business Information Ltd.
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 610:Business Wire 1999-2005/Sep 12
 (c) 2005 Business Wire.
 File 613:PR Newswire 1999-2005/Sep 12
 (c) 2005 PR Newswire Association Inc

Set	Items	Description
S1	160620	PLUGIN? ? OR PLUG()IN? ?
S2	54028	APPLET? ?
S3	78067	COEFFICIENT? ? OR CO()EFFICIENT? ?
S4	565762	(DETERMIN? OR CALCULAT? OR ASCERTAIN? OR FIND??? OR FOUND - OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG??? OR DISCERN? OR DERIV?) (7N) (VALUE OR VALUES OR NUMBER? ? OR NUMER- AL? ? OR INTEGER? ? OR DIGIT? ? OR FUNCTION? ?)
S5	3051411	CLASSIF? OR CATEGOR? OR CLUSTER???
S6	10046277	GROUP???
S7	5	S1(7N)S3
S8	5	RD (unique items)
S9	0	S2(7N)S3
S10	1	S2(10N)S3
S11	86638	ASSIGN?(7N) (VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR - INTEGER? ? OR DIGIT? ? OR FUNCTION? ?)
S12	200	(S4 OR S11) (7N)S1
S13	610	(DETERMIN? OR CALCULAT? OR ASCERTAIN? OR FIND??? OR FOUND - OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG??? OR DISCERN? OR DERIV? OR ASSIGN?) (7N) (VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR INTEGER? ? OR DIGIT? ? OR FUNCTION? ?) (7N) - S1:S2
S14	65	S13(100N)S5:S6
S15	30661	(ADULT OR MATURE OR PORNOGRAPHIC OR LASCIVIOUS OR VIOLENT) - (5N) (CONTENT? ? OR IMAGE? ? OR PICTURE? ? OR PHOTO? ? OR PHOT- OGRAPH? ? OR GRAPHICS OR MATERIAL OR PAGE? ? OR WEBPAGE? ? OR LITERATURE OR VIDEO? ? OR MOVIE? ? OR FILM? ?)
S16	0	S13(100N)S15
S17	13	S13(100N) (PORN OR FILTER???)
S18	9	RD (unique items)
S19	40	RD S14 (unique items)
S20	35	S19 NOT PY=2002:2005

8/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01318492 Supplier Number: 41549931
"Smart" Infrared Fiber Optic Thermometer Gives User On-Site Choices of
Range and Output
News Release, p1
Sept 14, 1990
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...as wires and rods.) (d) Choice of 3 spectral response. (e)
Interchangeability of fiber optic cables through plug - in fiber
coefficient that eliminates the need for calibration when the cable is
changed. Two types of fiber optic cable...

8/3,K/2 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

12751973 SUPPLIER NUMBER: 66171807 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Nonparametric Density Estimation From Biased Data With Unknown Biasing
Function. (Statistical Data Included)
LLOYD, Chris J.; JONES, M. C.
Journal of the American Statistical Association, 95, 451, 865
Sept, 2000
DOCUMENT TYPE: Statistical Data Included ISSN: 0162-1459
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 8550 LINE COUNT: 00757

... most important target of this investigation, then optimal bandwidth
selection for N could be pursued further, and plug - in estimators of the
coefficients (b.sub.1) and (b.sub.2), both of which involve several
integrated quantities, could be investigated...

8/3,K/3 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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11904076 SUPPLIER NUMBER: 59964491 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Plug-in solenoid valves.
SCHNEIDER, RICHARD T.
Hydraulics & Pneumatics, 53, 2, 20
Feb, 2000
ISSN: 0018-814X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 121 LINE COUNT: 00012

TEXT:
...versions are available with polymer or aluminum
factory-assembled-and-tested manifolds, or on individual subbases; flow
coefficients range from 1.4 to 4.8. Plug - In 20 valves mount on polymer
manifolds; have Cvs up to 055. Both series offer NPT or ISO...

8/3,K/4 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

11781663 SUPPLIER NUMBER: 58381803 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Plug-in solenoid valves.
Hydraulics & Pneumatics, 52, 12, 44

Dec, 1999

ISSN: 0018-814X

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 120

LINE COUNT: 00012

TEXT:

...versions are available with polymer or aluminum factory-assembled-and-tested manifolds, or on individual subbases; flow **coefficients** range from 1.4 to 4.8. **Plug - In** 20 valves mount on polymer manifolds; have (C.sub.v)S up as high as 0.55...

8/3,K/5 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

11668293 SUPPLIER NUMBER: 58614866 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ECHO CANCELLER SUITS VoIP.(Altera MegaCore)(Brief Article)(Product Announcement)

Cravotta, Nicholas

EDN, 44, 26, 14

Dec 23, 1999

DOCUMENT TYPE: Brief Article Product Announcement

ISSN: 0012-7515

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 138

LINE COUNT: 00015

TEXT:

...talk support, fax- and dual-tone multifrequency detection, and (Mu)law/A-law companding. Using the MegaWizard **Plug - In** Manager, you can select data- **coefficient** widths, echo-tail length, and channel number. Altera expects to ship the core during the first quarter...

18/9/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02091736 SUPPLIER NUMBER: 19645670 (THIS IS THE FULL TEXT)
Applets of discord. (Internet components and agents) (includes related articles on the Finjan company, intelligent agents) (Internet/Web/Online Service Information)
Computer Weekly, pVIII(1)
July 10, 1997
ISSN: 0010-4787 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1176 LINE COUNT: 00096

ABSTRACT: Applets written in Javasoft's Java language and Microsoft's ActiveX controls using common object model (Com) technology contain flaws that can result in significant software security breaches. Princeton University researchers have pinpointed a error in the Java Development Kit (JDK) version 1.1.1 and in the 1.0 version of the browser HotJava. For example, a weakness that effects the signing mechanism of an applet resulting in applets that can gain access to local lists of trusted signatures and make themselves trusted by relabeling. Microsoft's ActiveX has even more serious problems, according to Dr. David Aubrey-Jones of the security consultancy Reflex. ActiveX components are designed to access any part of your PC, making them capable of reading files and writing to the hard disc, and the only countermeasure available to users is authentication. Internet Explorer includes a pop-up message that alerts a user who tries to launch an unregistered ActiveX application.

TEXT:

Using a Web browser to distribute Java and ActiveX applets is a killer technology, but are you compromising your security in the process?

Users fearful of the Internet's potential as a carrier of software viruses now have another danger to worry about: the security risk presented by Internet-distributed software components and, in the future, intelligent agents.

The two software component technologies currently in widespread use are applets written using Javasoft's Java language and ActiveX controls using Microsoft's common object model (Corn) technology.

Although Java applets operate in a 'sandbox' -- that is, a software environment outside of which they cannot reach -- there have been problems with the technology. Experts at Princeton University in the US have discovered a serious flaw in the Java Development Kit (JDK) version 1.1.1, as well as the HotJava browser version 1.0.

The flaw is to do with a Java applet's signing mechanism. While applets can be given digital signatures by their senders that allow them to bypass the normal security measures on local systems, it has now emerged that Java applets can access local lists of trusted signatures and then relabel themselves as trusted. Although Javasoft says that the bug -- which affects users of its HotJava browser -- will have been fixed by the time you read this, it still raises concerns, especially if you don't upgrade your software to escape the bug.

Dr David Aubrey-Jones, technical director at security consultancy Reflex, says that there are already Java applets on the Web that are nuisances or cause 'denial of service' problems by firing off tasks on your machine that take up all available resources and bring other applications grinding to a halt.

But Java's problems are as nothing compared to the potential for security breaches within Microsoft's ActiveX controls. ActiveX components can do anything to your PC including reading files and writing to the hard disc -- and they are sprouting up on sites all over the World-Wide Web, according to Aubrey-Jones.

"Potentially, the problems are worse with ActiveX," he says. "Java is meant to run everything in a sandbox -- a Java applet shouldn't have access to everything on the machine. With ActiveX, the only control that you have is authentication. There's a technology in Internet Explorer that pops up a

message when you try to start up an unregistered ActiveX application. The message says that the application hasn't been registered, but you can still click OK to run it. Most people tend to click OK."

Mike Pryke-Smith, Internet tools product manager at Microsoft, defends ActiveX. "We don't want to limit developers in terms of what they can do. They will be tempered by the security encryption mode we employ. Most developers realise that to do anything useful you have to go outside the sandbox."

Pryke-Smith believes that Microsoft's Authenticode digital signing system solves the problem. Using Authenticode, a developer can create a control and send it off to an independent security authority which will provide a digital signature that functions as a security certificate. Thus, the Internet EXplorer browser that received an ActiveX control over the Internet would check whether it was a signed control, using a checksum to ensure that it hadn't been tampered with. It would then check with the local listing of trusted vendors before activating the control. Pryke-Smith says that the default in Internet Explorer is not to trust anything.

German hacking group the Chaos Club caused problems for Microsoft when it claimed to have broken the ActiveX security mechanisms, enabling applets to infiltrate your machine.

There are also reservations about relying on Authenticode for security rather than using a Java-like sandbox mechanism. For example, Ian Whalley, senior programmer at anti-virus company Sophos, argues, "What you're saying isn't that 'I trust this applet.' What you're saying is, 'I trust this company, I trust everyone that works for them and everything they're going to do in the future.'"

The signs are that component software could be a lot safer, and that it is up to the users and designers of the browsers to filter out problems. Setting your browser to throw up a dialog box whenever it encounters a piece of component software is certainly a good start.

HONEST FINJAN

Protecting your company against malicious software components is no easy task, and sometimes a more sophisticated solution is required than simply programming your browser to ignore them. For example, you may want certain browsers to accept applets performing a certain function. Israel-based company Finjan uses an ActiveX and Java-oriented **filtering** tool which helps companies to manage their component security on a granular level.

Shmulik Suhami, product manager for the company, explains that it can examine component software individually to assess the security risk. "We can scan every applet that passes through our gateway -- just like an X-ray machine. We deduce all the security-related **functions** inside, and we **calculate** an **applet** security profile. This **determines** what all the relevant information is. Once you have that, you can use a **filtering** policy -- if it tries to write to one thing it's OK, but if it tries to write to something else then that's not OK."

Finjan can use its gateway system to allocate different levels of security to different parts of the company, so that the payroll and personnel departments, for instance, could block all incoming applets, whereas the marketing department could take certain component software, depending on the risk involved.

INTELLIGENT AGENTS LICENSED TO SWINDLE?

Intelligent agents represent the next stage of development in Internet-transmissible software. They differ from component software in being autonomous, wandering around the Internet performing specific tasks and relaying information back to the sender. An agent, for example, could be programmed to sit on your machine opening connections all around the Internet, searching for information on cheap plane flights, and sending it back to you.

While the full abilities of agents have yet to be commercially developed, one future application could be to make agents communicate with each other, negotiating prices on specific pieces of data, for example.

Sally Davies, software architect at consultancy Cambridge Technology Partners, explains that agents raise a new ethical question. "There are a bunch of companies that are specialising in inter-agent communication," she

says. "it gets very interesting. I read an article about lying, cheating and stealing. What is lying for an intelligent agent? Is it lying if it has some data but tells another agent that it doesn't have it?"

Standards for inter-agent communication are being put together by the Object Management Group (OMG), which has put out a request for papers for a technology called the mobile agent facility specification.

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SPECIAL FEATURES: photograph; illustration

DESCRIPTORS: Technology Overview; ActiveX; Java; Data Security Issue; Web Browser

PRODUCT/INDUSTRY NAMES: 7372681 (Internet Access Software)

SIC CODES: 7372 Prepackaged software

FILE SEGMENT: CD File 275

18/9/4 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05342767 Supplier Number: 48127949 (THIS IS THE FULLTEXT)

Straight Line To Relevant Data -- Customized content should slash intranet search time

Hibbard, Justin

InformationWeek, pS21

Nov 17, 1997

ISSN: 8750-6874

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 1553

TEXT:

Intranets keep information from users.

That's what many of IT managers are discovering. One in five managers among the 1,300 worldwide polled by Reuters Business Information say they believe employees waste vast amounts of time searching for information on the Internet, corporate networks, and intranets. Among these managers, 80% cited the crush of internal communications, including intranets, as a principal reason for information overload.

"We have deluged people with an enormous amount of information, but we haven't figured out how to help people make better sense of that information," says Bipin Junarkar, director of knowledge management at Monsanto Corp., the \$41 billion St. Louis manufacturer of the agricultural chemical Roundup, the artificial sweetener Nutrasweet, birth-control pills, and other products.

Next-Generation Intranets

To harness this vast amount of data, IT managers are looking ahead to technologies that will give each intranet user relevant, customized content. Companies are planning the next generation of intranets around technologies that offer intelligent agents, collaborative filtering, search and retrieval, and push delivery-all of which promise to slash search times for and boost access to needed information.

Vendors are responding to these demands by refining the technologies in products scheduled to ship over the next year. But which products will truly deliver results remains to be seen.

New York consulting firm Ernst & Young LLP, with \$2.5 billion in sales last year and 30,000 employees worldwide, uses personalization extensively on its intranet. The intranet is based on the Search 97 search engine from Verity Inc. in Sunnyvale, Calif., and can search more than 200 types of documents stored in repositories such as Lotus Domino, Open Database Connectivity-compliant databases, and document-management systems. Users at Ernst & Young have set up profiling agents on the system by specifying words and phrases they regularly search for. The search engine repeats the searches according to an hourly schedule set up by a systems administrator and notifies users of new matching content via E-mail, push technology, and personal Web pages.

Ernst & Young also uses profiling agents from news services, such as Knight-Ridder's. These let users specify the types of stories they receive from news feeds. But the firm has had mixed success using multiple agents, says John Peetz, Ernst & Young's chief knowledge officer. "We need vendors to standardize on one application interface," he explains.

Ernst & Young wants to use one agent-preferably from Verity-to filter all its news feeds. But the news services don't offer a standard application programming interface to integrate their feeds with other vendors' agents, Peetz says.

Seeking Simplicity

To simplify delivery of filtered content, Ernst & Young is testing BackWeb push technology from BackWeb Technologies Inc. in San Jose, Calif. BackWeb filters content and allows further filtering through profiles on the client side and rules on the server side. When users subscribe to a BackWeb channel, they create a profile that includes their interests, their position in the company, and other variables. An administrator configures a channel on the server to send specific content only to users who fit a specific profile.

The next release of BackWeb, as yet unannounced, will reportedly include agent technology acquired from Lanacom Corp. in Toronto. The technology will let developers program agents to monitor dynamic Web pages, perform database queries, and find content developed for Microsoft's Active Desktop channels. The agents then can analyze content they find according to keywords and linguistics, reconstruct relevant content into Web pages, as well as deliver the pages through a BackWeb channel.

Other **filtering** technologies are starting to appear on intranets. For example, collaborative **filtering** products such as GroupLens from Net Perceptions Inc. in Minneapolis, track the content user's request, compare the records of users who download similar content, and let users see what peers with like interests are viewing.

Digital Knowledge Assets, a Chicago systems integrator, uses GroupLens in its DKA Information Environment, a system the company will install next month at networking company 3Com Corp. in Santa Clara, Calif. The system lets users store content such as Web pages or word processing documents as objects in an object repository. A Java **applet** lets users **assign values** to each object, describing its subject matter and ranking its importance. Users create profiles of their interests using GroupLens. Every Web page they request is filled automatically with content matching their interests.

Through a custom start page, DKA Information Environment notifies end users of new content that matches their interests. The page lists the names of co-workers, called neighbors, who need similar information, as hypertext links. When end users click on a neighbor's name, they see relevant content the neighbor has viewed and the neighbor's annotations on the content.

This adds human judgment to the **filtering** process, says Tim McDonald, CEO at Digital Knowledge Assets, in that users are actively involved in choosing, evaluating, and refining the material they will receive. "Ultimately," McDonald says, "humans are the best filters of information."

Netscape is also readying a product that incorporates human judgment. Due for final release by year's end, Netscape Compass Server lets companies create a taxonomy for categorizing documents stored in multiple repositories. End users list their interests in profiles stored on the server, and when they log on to an intranet, Compass builds a personal start page with links to documents that match their interests. The page also lists E-mail and voice-mail messages, faxes, calendar proposals, project updates, and reminders.

When a document added to a repository matches a user's interests, Compass will highlight a link to the document on the user's start page, and notify the user by E-mail or a Netscape NetCaster channel. Users will rank the material on the page in which it appears, and the rankings will be tallied on the server. Users can choose to be notified only about documents with high rankings. Only users whose interest profile matches the document's contents will be able to vote on it. An add-on product, GrapeVine for Netscape Compass Server from GrapeVine Technologies in Troy,

Mich., will extend Compass' filtering capabilities. For example, it automatically categorizes incoming documents in a company's taxonomy; it lets users add comments to documents before they're routed to others.

The Human Element

Amoco Corp., the \$32 billion petroleum company in Chicago, is testing Compass Server and GrapeVine in its corporate division, to be used mainly for routing incoming news feeds and E-mail. Amoco's pipeline division is using the Lotus Notes version of GrapeVine.

"The whole idea of profiling through several levels of filtering is pretty exciting," says Joe Jesson, a staff consultant at Amoco. "You not only have strict Boolean filters, but also the documents are set in context by human experts." This creates a filtered push with improved document relevance. Qualitative filtering is required in a push environment, similar to selective filters in a receiver.

Jesson says users like the personal start page, a feature that will also appear in the next version of the Notes/ Domino groupware package from Lotus Development in Cambridge, Mass. Due for release next year, Notes/Domino 5.0 will displays a dynamically generated HTML headlines page with links to documents relevant to an individual user. Users will create agents that monitor data sources such as Internet, intranet, and extranet sites; the agents will post notifications to each user's headlines page.

Lotus is also developing a "concept map"-most likely a Java applet-for Notes/Domino 5.0 that will present end users with a hierarchy of topics. Users will click through a tree of topics until they find useful Internet or intranet sites, which they will tag. Thetagging will create an agent to monitor those sites and notify the user when content changes.

As yet, no concept map or personal start page has been announced as features in upcoming products from Microsoft. But Microsoft does offer the Personalization System as part of its Site Server Internet application server. In addition, some companies have integrated the system into intranets based on other Microsoft products.

For example, Cognitive Communications, a New York intranet consulting firm, used Microsoft Personalization System for an intranet it developed for a large beverage manufacturer in the Northeast. When an end user logs on to that intranet, Personalization System starts a new thread, or record of the pages requested by the user, and tracks all documents the user has selected. The Personalization server compares indexed descriptions of the components and serves the components to the user, similar to the components the user previously requested. Then, when the user selects a new document, the system compares content the user called up beforehand to content indexed in Microsoft Index Server. Microsoft Internet Information Server then generates an Active Server Page made up of relevant content found in Index Server.

Companies can develop applications similar to the one Cognitive built using products such as Site Server. But Site Server offers pre-built components that make development easier, says Gene Phifer, an analyst at Gartner Group Inc., an IT advisory firm in Stamford, Conn.

"Microsoft Site Server with the personalization component and Compass Server are off-the-shelf versions of what people have been writing the hard way over the last two years," says Phifer. "If we can have intelligent agents running [separately] from human beings, gathering information and delivering it, we'll be a lot closer to where we need to be in the areas of knowledge management."

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INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); TELC (Telecommunications)

20/3,K/1 (Item 1 from file: 275)
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02358549 SUPPLIER NUMBER: 58266429 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Windows 2000: The Managed OS.(Microsoft's)(Product Information)
Rigney, Steve
PC Magazine, 103
Jan 18, 2000
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 427 LINE COUNT: 00035

... appears in one AD tree. This lets you manage remote users, set up access restrictions, and create **Group** Policies for all users from a single console. The **Group** Policy editor is a great tool, not only for controlling access rights but also for locking down...

...can use policies to control which utilities users can access on their desktops, including the Control Panel **applets** as well as the **Find** and **Search functions**. This is the next best thing to using a thin client on each desktop.

IntelliMirror is definitely...

...can create a software installation package or upgrade and send it out to a single user or **group**. When that user connects, the software is automatically installed. Likewise, if a user goes to a different...

20/3,K/2 (Item 2 from file: 275)
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02289278 SUPPLIER NUMBER: 54428094 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Internet Printing Is (Almost) Ready.(Technology Information)
Karney, James
PC Magazine, 188(1)
May 25, 1999
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 415 LINE COUNT: 00033

... compatible device, using only a Web browser and by typing in an IP address. IPP is a **group** effort of the Internet Engineering Task Force (IETF, www.ietf.org).

The concept is simple: A printer...

...IP address is an object; a print job, another object. Parameters like paper size, printer language, and **number** of copies are the attributes **assigned** to those objects. With the right drivers or browser **plug - ins**, someone who wants to print to a remote location can check on a printer's availability and...

20/3,K/3 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02207508 SUPPLIER NUMBER: 20967497 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Character building(animation plug-ins)(Buyers Guide)
Long, Ben
Computer Graphics World, v21, n7, p67(6)
July, 1998
DOCUMENT TYPE: Buyers Guide ISSN: 0271-4159 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3181 LINE COUNT: 00267

... chose Softimage 3D to ease file transport among its studios, it still hired the Softimage Special Projects **group** to enhance the tool.

So what's a poor animator to do? Artists without the budget, time, or willingness to customize commercial software or script their own programs can find a remarkable **number** of enhancements available as **plug - ins** to the mainstream 3D animation packages. These plug-ins provide character creators who are working in game...

20/3,K/4 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02126302 SUPPLIER NUMBER: 19932064 (USE FORMAT 7 OR 9 FOR FULL TEXT)
FileMaker hits the Web. (FileMaker Pro 4.0 database includes HTML integration) (includes related articles on instant Web publishing, wish list) (Software Review) (Evaluation)
Sharp, Wendy
Macworld, v14, n12, p112(6)
Dec, 1997
DOCUMENT TYPE: Evaluation ISSN: 0741-8647 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3244 LINE COUNT: 00246

... now specify when you want to find only Smith.

Calculation Extension
Claris has opened up FileMaker's **calculation** language to third-party add-ons, called external **functions**, via a **plug - in** interface. Web Companion adds external functions that enable you to retrieve the IP addresses of users who...

...ScriptMaker
Options ScriptMaker has been changed slightly in version 4.0, although not dramatically. The new Open **category** contains commands such as Open Define Value Lists and Open Application Preferences.
Recently Opened Files
A new...

20/3,K/5 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02086005 SUPPLIER NUMBER: 19636593 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Comshare boosts decision-support line. (introduces CommanderDecision 2.0, CommanderDecision Web 2.0) (Brief Article) (Product Announcement)
Perez, Juan Carlos
PC Week, v14, n32, p51(1)
July 28, 1997
DOCUMENT TYPE: Brief Article Product Announcement ISSN: 0740-1604
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 366 LINE COUNT: 00033

... and more; the work force is becoming increasingly mobile," said Teresa Wingfield, an analyst at Giga Information **Group** Inc., in Cambridge, Mass. "Comshare is now extending CommanderDecision to those remote users."

This client component of...

...meanwhile, can perform drag-and-drop dimension rotation, drill-downs and charting, said officials. Such functionality, previously **found** only in CommanderDecision, is delivered via a variety of Java **applets**.

Version 2.0 also supports write-back to Essbase, a sorting **function** and a new **calculator** feature for defining personal calculations on the client machine.

"Like all other vendors in this space, Comshare...

...the client/server tool, and they're getting there," said Wayne Eckerson, an analyst at Patricia Seybold Group Inc., in Boston.

A typical implementation of CommanderDecision 2.0 and CommanderDecision Web 2.0 costs about...

20/3,K/6 (Item 6 from file: 275)

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02084405 SUPPLIER NUMBER: 19609482 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Brushes with greatness. (Fractal Design's Painter 5 paint program)

(Software Review) (Evaluation)

London, Sherry

MacUser, v12, n9, p30(2)

Sep, 1997

DOCUMENT TYPE: Evaluation ISSN: 0884-0997

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1358 LINE COUNT: 00106

... subcategories have been organized into a myriad of ready-to-use brushes, although you can add more **functions** to any brush simply by **assigning** it one of the new **plug - in** subcategories. There are new brushes -- Scratch Remover, Sharpen, Blur, Dodge, and Burn -- for retouching. There's a...

...a brush that creates fire (it sounds more impressive than it is). In the New Paint Tools **category** are the Dry Brush; the Palette Knife; and the charmingly named Big Wet Luscious brush, which turns...

20/3,K/7 (Item 7 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01901379 SUPPLIER NUMBER: 17921260 (USE FORMAT 7 OR 9 FOR FULL TEXT)

IBM jumps on Java bandwagon. (licenses Sun Microsystems' programming

language) (Company Business and Marketing)

Electronic News (1991), v41, n2095, p22(1)

Dec 11, 1995

ISSN: 1061-6624 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 574 LINE COUNT: 00049

... Automation objects created by third parties using VB 4.0 and Visual C++, as alternatives to Java **applets**. Both execute Internet client **functions** such as incorporating real-time updates or performing **calculations** in networked applications.

However, some observers said Microsoft may even be forced to license Java. "Microsoft is being walked into a corner, said Kathey Hale, senior analyst at Dataquest Inc.'s On-line Strategies Group, in San Jose, Calif. "If Microsoft doesn't license Java, they create space for the competition. But...

20/3,K/8 (Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01884862 SUPPLIER NUMBER: 17971508 (USE FORMAT 7 OR 9 FOR FULL TEXT)

MoneyCounts for Windows. (Parsons Technology Inc) (one of five evaluations

of personal finance software in "Personal Finance Banking On Your PC")

(Software Review) (Evaluation)

Carey, Theresa W.

PC Magazine, v15, n2, p338(2)

Jan 23, 1996

DOCUMENT TYPE: Evaluation

ISSN: 0888-8507

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 629 LINE COUNT: 00057

... out-of-balance checkbook, MoneyCounts creates an automatic balancing transaction that makes an entry in a temporary **category**. So if your account doesn't reconcile, MoneyCounts will just **plug in a number** that makes it work.

Furthermore, we **found** that Quicken (.QIF) files imported very slowly into MoneyCounts (the other programs had rates more than six times as fast), and MoneyCounts then mishandled **categories**, mangled account types, and created very skewed account balances.

Loans, budgets, other feedback

MoneyCounts also falls short...

20/3,K/9 (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01812161 SUPPLIER NUMBER: 17279624 (USE FORMAT 7 OR 9 FOR FULL TEXT)

KSU-less key system update. (key service unit) (includes related articles on

MicroFrame's Secure Sentinel IPC, where to buy KSU-less phones)

Marcus, Michael N.

Teleconnect, v13, n6, p117(3)

June, 1995

ISSN: 0740-9354

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5895 LINE COUNT: 00447

... a bit less "cuddly" and now you will have to read the manual.

Set-up is easy. **Plug in** a phone, **assign** an intercom **number**, and customize it. You can arrange for certain phones to ring after others, if the people at...

...set the display for English, Italian, Spanish or French.

At the top of each phone are two **clusters** of 12 double-function buttons. Those on the left provide one-touchdialing of outside calls, and the...

20/3,K/10 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01689086 SUPPLIER NUMBER: 16060802 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Cellular receiver metamorphosis: from VMEbus to hand-held. (development of

LCC Inc's SR-01 scanning receiver) (includes related article on how the

SR-01 works) (Design Strategies: cellular equipment)

Mendelsohn, Alex

Computer Design, v33, n5, p85(4)

April, 1994

ISSN: 0010-4566

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2187 LINE COUNT: 00167

... hand-offs from cell to cell.

Key to the success of the EXP-2001 was an existing **plug - in** RF receiver design based on a 100 x 160 mm VMEbus board with re- **assigned** **pin functions**. The EXP-2001 has slots for a **number** of such **plug - in** shielded scanning receivers. The VME chassis also includes an analog processing section, a digital block and a...

...division multiple-access (TDMA), Advanced Cellular Mobile Services (AMPS) or Global System for Mobile communication (GSM--formerly **Group**

Speciale Mobile) European digital cellular telephone transceivers or receivers, for example. This could allow simultaneous comparisons, checking ...

20/3,K/11 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01608366 SUPPLIER NUMBER: 14014531 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Writing a Control Panel applet for Windows NT. (Technical) (Tutorial)
Tomlinson, Paula
Windows-DOS Developer's Journal, v4, n7, p33(14)
July, 1993
DOCUMENT TYPE: Tutorial ISSN: 1059-2407 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3435 LINE COUNT: 00289

... eight different messages the Control Panel may send to a CPL via CPlApplet(). These messages can be **categorized** as initialization messages, user-initiated messages, and termination messages.

Initialization Messages

When invoked, the Control Panel loads each **applet** that it **finds** and immediately begins sending initialization messages to the CPlApplet() **function** in each CPL. The messages are sent in the order in which I discuss them here.

The...

20/3,K/12 (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01418434 SUPPLIER NUMBER: 10371354 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Dolch Computer Systems: Dolch P.A.C. 386-25C. (Hardware Review) (one of 5 evaluations of portable computers in 'AC-Powered 386s') (evaluation)
Mendelson, Edward
PC Magazine, v10, n5, p201(3)
March 12, 1991
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 758 LINE COUNT: 00055

... 12 function keys are arranged in a line along the top, with no gaps between the three **groups** of four to help you **find** the right **function** key without looking down. If you prefer, you can easily **plug in** any standard keyboard.

PC Labs didn't test the CGA doublescan display, but the gas plasma VGA...

20/3,K/13 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2005 The Gale Group. All rts. reserv.

01377104 Supplier Number: 46358464 (USE FORMAT 7 FOR FULLTEXT)
MICROSOFT PUBLISHES ACTIVEX PROTOCOL ON THE WEB
PR Newswire, p0502LATH040
May 2, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 625

... the Component Object Model (COM). For example, a developer could use Java to build a Web browser **applet** that **calculates** the **value** of a

portfolio of securities, using DCOM to communicate stock values to the applet in real time over the Internet.

DCOM Fast Facts

-- DCOM was developed by Microsoft and is currently...

...Corp. are porting DCOM to other operating systems, including multiple implementations of UNIX(R).

-- The Object Management Group is working on a specification for DCOM applications to communicate directly with CORBA-compliant object request brokers...

20/3,K/14 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

04841622 Supplier Number: 66964822 (USE FORMAT 7 FOR FULLTEXT)
Java Jive.
Hamlin, Peter
Electronic Musician, v16, n11, p45
Nov, 2000
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 4564

... plugin/converter.html.
OUTTA SITES
We've looked at a few good Java applets. but a vast number of other applets are available online. Here are some starting points for finding additional examples, perhaps to ...con/applets/index.html
Most of these sites are general, but they typically have one or more categories of multimedia applets. Java Music Projects, created by Torn Erbe at the CalArts School of Music, is...

20/3,K/15 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03926142 Supplier Number: 50170143 (USE FORMAT 7 FOR FULLTEXT)
Websites coming of age among medical device marketers internet marketing
Health Industry Today, v61, n7, pN/A
July 1, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newsletter; Professional Trade
Word Count: 1843

... an entire web site, www.hp.com/year2000 devoted to this question. At the site, customers can plug in a product number and find out online the Y2K status of their equipment.

"We did some testing and found out, for example...

...Y2K compliant)," said Sal Abramo, electronic marketing manager for Hewlett Packard's Andover, Mass.-based Medical Products Group. "On the other hand, we have large customers, like Columbia/HCA and Kaiser, that have literally thousands...

20/3,K/16 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

07785883 Supplier Number: 65098577 (USE FORMAT 7 FOR FULLTEXT)
LIGHTING NARROWS BEAM AT HARDWARE.

Meyer, Nancy
HFN The Weekly Newspaper for the Home Furnishing Network, p30
August 14, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 550

... range from energy-saving lightbulbs, security lighting and plug-in hanging fixtures to the growing garden decor **category** . In the lightbulb arena, fiercely controlled by the major brands, suppliers will bring new energy-saving products...

...light, along with other bulb programs, in two sizes that are fully expandable by interconnecting units and **function** as **plug - in** or direct-wire.

Satco's designers **found** a way to bring cable lighting to the masses with a portable cable system, packaged in a...

...as decorative lighting fixtures and new pre-assembled InstaLoc ceiling fans.

In its hardware show debut, Elite **Group** 's L'Image Home Products will unveil its much-awaited Sunbeam bulb program, which executives report has...

20/3,K/17 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06496454 Supplier Number: 55192748 (USE FORMAT 7 FOR FULLTEXT)
Dialing for Fewer Dollars -- Phone anywhere in the world for the cost of a local call. That's the promise of Internet telephony. Could this mark the end of long-distance charges?(Internet/Web/Online Service Information)
Newman, Jeff
Windows Magazine, p106
August 1, 1999
Language: English Record Type: Fulltext Abstract
Document Type: Magazine/Journal; General Trade
Word Count: 3097

... is free from Netscape. It's easy to install, configure and use. Although Netscape's Conference (a **derivative** of CoolTalk) features document sharing and other **functions** , it is a browser-based **plug - in** , while CoolTalk runs as a stand-alone app. One of CoolTalk's best features is an answering...

...for replacing PBX/voicemail systems. But the quality of speech transmission was the worst in our review **group** .

You get a choice of only two codecs: GSM for high bandwidths and Voxware RT.24 for...

20/3,K/18 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

04907833 Supplier Number: 47216157 (USE FORMAT 7 FOR FULLTEXT)
NetAttache automates your Web research
Heck, Mike
InfoWorld, p54G
March 17, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 541

... and skip downloads of particular file types, such as QuickTime movies.

The client software's other retrieval **functions** surpass those of many competing products. For instance, I could **determine** if frames or **applets** were retrieved. Also, the core Smart Search **function** let me investigate sites using detailed search expressions that contained multiple Boolean operators.

NetAttache Enterprise Server rounds...

...uses a graphic format much like Windows 95 Explorer. It took about 10 minutes to build several **groups** of nested folders that represented several file types (such as NetAttache data, standard HTML documents, and spreadsheet files), as well as departmental **groups**.

As NetAttache Pro clients generate Briefs, they're automatically placed on the server in the folder you...

20/3,K/19 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

03790577 Supplier Number: 45397180 (USE FORMAT 7 FOR FULLTEXT)
LOTUS LAUNCHES NEW APPS UNIT
Computer Reseller News, p1
March 13, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 495

... expect PerfectOffice to supplant Smart-Suite as No. 2.
Others see a real future market for tiny ' **applets** ' that perform **calculation** , word processing and other **functions** but take up a fraction of the resources that Microsoft Word or Lotus 1-2-3 requires...

...where users hang out and get whatever information they need,' said Cliff Conneighton, president of The Conneighton **Group** , Hollis, N.H.

LOTUS REVENUE BY PRODUCT AREA

1993	Desktop	Communications
Revenue	\$781M	\$180M
Percent change	2...	

20/3,K/20 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

13135045 SUPPLIER NUMBER: 70779199 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Bridging the Gap: Marketability Discounts for Real Estate
Interests.(analysis) (Statistical Data Included)
Webb, Dennis A.
Appraisal Journal, 69, 1, 95
Jan, 2001
DOCUMENT TYPE: Statistical Data Included ISSN: 0003-7087
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 11557 LINE COUNT: 00922

... is not certain, and another 0.5% adjustment is made for this element. This is a catchall **category** in some ways, and it should not double-count adjustments made elsewhere.

The adjustments should always remain...

...end of the holding period and dividends or distributions paid during the

period. We need only to **plug in** the required rate of return and cash flow **numbers** to **calculate** the marketability discount. Variables are the required rate of return and holding period (discussed above), the rate...

20/3,K/21 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

10738000 SUPPLIER NUMBER: 53549290 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Users Applaud Microsoft Y2K Awakening. (Product Announcement)
Orenstein, David
Computerworld, 6(1)
Jan 11, 1999
DOCUMENT TYPE: Product Announcement ISSN: 0010-4841 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 361 LINE COUNT: 00033

... Data Corp., a sister company to Computerworld in Framingham, Mass.
Norbert Kriebel, an analyst at Giga Information Group in Santa Clara, Calif., said Microsoft responded honestly and swiftly to 11 problems recently discovered in Windows...

...worst an annoyance for most enterprises.
The blitz Microsoft announced on Jan. 7 includes the following:
* Three **plug - ins** for Excel 97 that **find** and convert two- **digit** years, change user input to four- **digit** years and bridge the different century windows in different versions of Excel.
* Microsoft Y2K Product Analyzer, which...

20/3,K/22 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

10338446 SUPPLIER NUMBER: 20942162 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Websites coming of age among medical device marketers.
Beck, Ellen
Health Industry Today, v61, n7, p12(1)
July, 1998
ISSN: 0745-4678 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1904 LINE COUNT: 00153

... an entire web site, www.hp.com/year2000 devoted to this question. At the site, customers can **plug in** a product **number** and **find out** online the Y2K status of their equipment.

"We did some testing and found out, for example...

...Y2K compliant)," said Sal Abramo, electronic marketing manager for Hewlett Packard's Andover, Mass.-based Medical Products Group. "On the other hand, we have large customers, like Columbia/HCA and Kaiser, that have literally thousands...

20/3,K/23 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

08661996 SUPPLIER NUMBER: 18271988 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Java weds with the World Wide Web. (applets proliferate, grow in sophistication) (Internet/Web/Online Service Information)
Isaacson, Portia
Computer Reseller News, n682, p80(2)
May 6, 1996
ISSN: 0893-8377 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1840 LINE COUNT: 00143

... Some are restricted to noncommercial uses. All are great for learning about Java capabilities and programming.

Another **category** is useful little business things such as interest calculators, mortgage-payment calculators and measurement-unit translations. Graphics, animation and sound are common.

We quickly discovered that the best way to explore the Java **applet** world is to start at the directories. We **found** three directories that have substantial **numbers** of pointers to Java **applets** at other sites. Each directory was quite different from the others and very useful. We **found** other, less-useful directories.

The Java **Applet** Rating Service (JARS) directory (<http://www.jars.com/>) by Web Creations Inc. allows for the submission of applets that are reviewed and rated by a panel of consultants, programmers and software engineers. **Categories** include (by month) the top 1 percent, top 5 percent, top 25 percent, top 10 and top...

20/3,K/24 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

08124425 SUPPLIER NUMBER: 17389671 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Plastics technology: manufacturing handbook & buyers' guide 1995/96. (Buyers Guide)
Plastics Technology, v41, n8, pCOV(941)
August, 1995
DOCUMENT TYPE: Buyers Guide ISSN: 0032-1257 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 174436 LINE COUNT: 15187

... and process knowledge in extrusion, priming, drying, treating, coating, laminating, and web handling of light- to heavy- **gauge** materials. Lines supplied for wet and dry lamination, coextrusion barrier coating, extrusion coating and laminating, printing, and...

20/3,K/25 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

08009314 SUPPLIER NUMBER: 16681943 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Lotus launches new apps unit. (new group to concentrate on object technology)
Darrow, Barbara
Computer Reseller News, n621, p1(2)
March 13, 1995
ISSN: 0893-8377 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 468 LINE COUNT: 00041

... analysts expect PerfectOffice to supplant SmartSuite as No. 2.

Others see a real future market for tiny " **applets** " that perform **calculation** , word processing and other **functions** but take up a fraction of the resources that Microsoft Word or Lotus 1-2-3 requires...

...where users hang out and get whatever information they need," said Cliff Conneighton, president of The Conneighton **Group** , Hollis, N.H.

20/3,K/26 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07544484 SUPPLIER NUMBER: 15838189 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**DOES IT PAY TO UPGRADE YOUR PC?; PC/COMPUTING'S NOVEMBER ISSUE EXAMINES
DOLLARS AND SENSE OF COMPUTER TECHNOLOGY**

PR Newswire, p1021NE014

Oct 21, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 925 LINE COUNT: 00088

... software. ROI formulas were based on typical wages and hours of computer-related work for each job **category**.

Study results (detailed on following chart) show that while more usually is in fact better, "upgrades that...

...re upgrading."

In addition to studying the productivity gains and ROIs associated with key hardware upgrades, PC/ **Computing** 's editors also:

- Provide readers with ROI formulas, into which they can **plug** in their own **numbers** to **calculate** their own, personal payback figures for these and future upgrades;
- Offer strategies for users to justify technology...

20/3,K/27 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

06492711 SUPPLIER NUMBER: 14082312 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Locating replacements for electromechanical relays.

Cleereman, Douglas P.; Depka, Jeffrey J.

Plant Engineering, v47, n9, p81(2)

May 20, 1993

ISSN: 0032-082X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1035 LINE COUNT: 00081

... the control scheme, it is a relay.

Second step in the search is to identify the general **category** into which the relay falls. Relays in common use in the United States fall into three general **categories**: NEMA, IEC, and general purpose. General purpose relays are of the **plug - in** type, and their contact arrangement is **determined** by counting the **number** of pins. Eight pins tell that it is a two-pole, double-throw relay; while eleven pins...

20/3,K/28 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

04551598 SUPPLIER NUMBER: 08289384 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Taking the drudgery out of problem solving: mathematical software packages.

(includes a related article profiling Jerry Tapper, who uses
general-purpose mathematical software in an electromechanical)
(tutorial)

Strassberg, Dan

EDN, v35, n6, p53(7)

March 15, 1990

DOCUMENT TYPE: tutorial ISSN: 0012-7515 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2279 LINE COUNT: 00182

... graphics-capable dot-matrix printers. But this listing of capabilities is merely the beginning.

One way to **categorize** the programs is to divide them into numeric solvers and symbolic solvers. Think of the numeric solvers as sophisticated versions of a hand-held **calculator**. Like most **calculators**, they don't provide answers until you **plug** in numeric **values** for your variables. (For information on a **calculator** that handles symbolic math, see pg 121.)

On the other hand, the symbolic solvers, which include Derive...

20/3,K/29 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03517412 SUPPLIER NUMBER: 06321584 (USE FORMAT 7 OR 9 FOR FULL TEXT)
'88: double-digit growth is the rule. (home office sector of the consumer electronics industry) (Office at Home)
Consumer Electronics, v16, n3, p52(2)
March, 1988
ISSN: 0362-4722 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1378 LINE COUNT: 00112

Within a consumer electronics industry marked by uncertainties, the home office sector **finds** itself in a relatively enviable position this year. **Plug in numbers** from virtually any data source, and you're likely looking at double-digit growth for the majority of office-at-home **categories**--typewriters and calculators are the exceptions--in '88. With the home office now officially stamped as a "hot" market, industry expectations are running high for this coming year--particularly in product **categories** such as personal fax, dedicated word processors and personal copiers--and numerous suppliers are readying intensified marketing...

20/3,K/30 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01556886 02-07875
Quest for Java
Cohen, Sonya Freeman
Communications of the ACM v41n1 PP: 81-83 Jan 1998
ISSN: 0001-0782 JRNL CODE: ACM
WORD COUNT: 1573

...ABSTRACT: Java contest sponsored by ACM and IBM, concluding last fall. Their entries covered a range of software **categories**, including education, programming tools, e-mail clients, groupware, and graphics. What the judges **found** most remarkable among the winners was not necessarily the **function** of the application or **applet** or their great originality but their developers' sense of pleasure and creativity in exploring Java. ...

...TEXT: real-world applications and applets in the Java programming language, their entries covered a range of software **categories**, including education, programming tools, email clients, groupware, and graphics.

But what the judges **found** most remarkable among the winners was not necessarily the **function** of the application or **applet** or their great originality but their developers' sense of pleasure and creativity in exploring Java.

The 10...

20/3,K/31 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01532954 01-83942
Database dreams: A FileMaker wish list
Anonymous
Macworld v14n12 PP: 116-117 Dec 1997
ISSN: 0741-8647 JRNL CODE: MAW

WORD COUNT: 1014

...TEXT: now specify when you want to find only Smith.

Calculation Extension Claris has opened up FileMaker's calculation language to third-party add-ons, called external functions, via a plug-in interface. Web Companion adds external functions that enable you to retrieve the IP addresses of users who...

...ScriptMaker Options ScriptMaker has been changed slightly in version 4.0, although not dramatically. The new Open category contains commands such as Open Define Value Lists and Open Application Preferences.

Recently Opened Files A new...

20/3,K/32 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00543353 91-17698
Vellum for Windows Adds Architectural Design Features
Milburn, Ken
InfoWorld v13n11 PP: 80-82 Mar 18, 1991
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 2416

...TEXT: tedious steps required by traditional CAD programs. It consists of Integrated Parametrics and the Drafting Assistant, two groups of features that work hand in hand.

Integrated Parametrics (also sometimes called dimension-driven drawing) lets you "sketch" shapes freehand first --without assigning dimensions -- then plug in values to trigger an associative redraw. It works like this: After completing a sketch, you dimension it either...

20/3,K/33 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01196785 CMP ACCESSION NUMBER: WIN19990801S0057
Dialing for Fewer Dollars - Phone anywhere in the world for the cost of a local call. That's the promise of Internet telephony. Could this mark the end of long-distance charges?
Jeff Newman, Technology Editor
WINDOWS MAGAZINE, 1999, n 1008, PG106
PUBLICATION DATE: 990801
JOURNAL CODE: WIN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Features
WORD COUNT: 3066

... is free from Netscape. It's easy to install, configure and use. Although Netscape's Conference (a derivative of CoolTalk) features document sharing and other functions, it is a browser-based plug-in, while CoolTalk runs as a stand-alone app. One of CoolTalk's best features is an answering...

...for replacing PBX/voicemail systems. But the quality of speech transmission was the worst in our review group.

You get a choice of only two codecs: GSM for high bandwidths and Voxware RT.24 for...

20/3,K/34 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01089608 CMP ACCESSION NUMBER: CRN19960506S0122
Java Weds With The World Wide Web - Nearly 5,000 applets on the Internet,
and growing, ready for downloading
Portia Isaacson
COMPUTER RESELLER NEWS, 1996, n 682, PG80
PUBLICATION DATE: 960506
JOURNAL CODE: CRN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Emerging Technologies
WORD COUNT: 1736

... Some are restricted to noncommercial uses. All are great for learning about Java capabilities and programming.

Another category is useful little business things such as interest calculators, mortgage-payment calculators and measurement-unit translations. Graphics, animation and sound are common.

We quickly discovered that the best way to explore the Java applet world is to start at the directories. We found three directories that have substantial numbers of pointers to Java applets at other sites. Each directory was quite different from the others and very useful. We found other, less-useful directories.

The Java Applet Rating Service (JARS) directory (<http://www.jars.com/>) by Web Creations Inc. allows for the submission of applets that are reviewed and rated by a panel of consultants, programmers and software engineers. Categories include (by month) the top 1 percent, top 5 percent, top 25 percent, top 10 and top...

20/3,K/35 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2005 IDG Communications. All rts. reserv.

050927
Sun Spots
Sun Spots
Byline: Elinor Mills and Rebecca Sykes
Journal: Network World Page Number: 122
Publication Date: April 01, 1996
Word Count: 508 Line Count: 47

Text:

...officer. Routinely, when users download instructions from the Internet, a byte code verifier assesses whether the downloaded applet actually performs the functions it says it does. Usually, the system can detect if an applet contains hidden, hostile code, but Princeton researchers found a way to slip hostile applets past the verifier. Java creators jump ship. Several members of the Sun Microsystems, Inc. group that created the Java object-oriented programming language have formed a start-up company to develop Java...

File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200557

(c) 2005 Thomson Derwent

Set	Items	Description
S1	17855	PLUGIN? ? OR PLUG() IN? ?
S2	1109	APPLET? ?
S3	198391	COEFFICIENT? ? OR CO()EFFICIENT? ?
S4	28	(DETERMIN? OR CALCULAT? OR ASCERTAIN? OR FIND??? OR FOUND - OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG??? OR DISCERN? OR DERIV? OR ASSIGN?) (7N) (VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR INTEGER? ? OR DIGIT? ? OR FUNCTION? ?) (7N) - S1:S2
S5	117224	CLASSIF? OR CATEGOR? OR CLUSTER???
S6	965683	GROUP???
S7	408	(ADULT OR MATURE OR PORNOGRAPHIC OR LASCIVIOUS OR VIOLENT) - (5N) (CONTENT? ? OR IMAGE? ? OR PICTURE? ? OR PHOTO? ? OR PHOT- OGRAPH? ? OR GRAPHICS OR MATERIAL OR PAGE? ? OR WEBPAGE? ? OR LITERATURE OR VIDEO? ? OR MOVIE? ? OR FILM? ?)
S8	716735	PORN OR PORNOGRAPHY OR FILTER???
S9	5	S1:S2 (10N) S3
S10	2	S4 AND S5:S8
S11	292433	(DETERMIN? OR CALCULAT? OR ASCERTAIN? OR FIND??? OR FOUND - OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG??? OR DISCERN? OR DERIV? OR ASSIGN?) (5N) (VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR INTEGER? ? OR DIGIT? ? OR FUNCTION? ?)
S12	9	S11 AND S7
S13	14031	S11 AND S8
S14	5673	S11 AND S5
S15	1	S11 AND (PORN OR PORNOGRAPHY)
S16	10	S12 OR S15
S17	273	OFFENSIVE (5N) (CONTENT? ? OR IMAGE? ? OR PICTURE? ? OR PHOT- O? ? OR PHOTOGRAPH? ? OR GRAPHICS OR MATERIAL OR PAGE? ? OR W- EBPAGE? ? OR LITERATURE OR VIDEO? ? OR MOVIE? ? OR FILM? ?)
S18	1	S11 AND S17

4/5/7 (Item 3 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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016270766 **Image available**
WPI Acc No: 2004-428660/200440

Internet ad method based on banner management solution program

Patent Assignee: 1052.COM CO LTD (ONEZ-N)

Inventor: YOON S W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2004017265	A	20040226	KR 20047948	A	20040206	200440 B

Priority Applications (No Type Date): KR 20047948 A 20040206

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2004017265	A	1	G06F-017/60	

Abstract (Basic): KR 2004017265 A

NOVELTY - An Internet AD(Advertisement) method based on a banner management solution program is provided to make profits by offering an automatic banner management program to easily manage a banner to an applet operating a site, and to promote a mutual security cooperation between the applet and a merchant by making the merchant easily cooperate with many applets.

DETAILED DESCRIPTION - A businessman operating a main server provides a banner management solution to each applet after receiving member registration. The applet selects a banner size to be exposed from each integrated code source value assigned to each banner size by connecting to the banner management solution and inserts the banner size into a proper position of the integrated code source. The AD is advanced by making the applet site freely upload the banner to be rolled in the applet site through the automatic banner management solution program or select/upload the AD from a merchant AD list collected by an operator of the main server.

pp; 1 DwgNo 1/10

Title Terms: METHOD; BASED; BANNER; MANAGEMENT; SOLUTION; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

4/5/10 (Item 6 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015790308 **Image available**
WPI Acc No: 2003-852511/200379
XRPX Acc No: N03-680823

Agent utilization method for use in automatic call distribution system, involves determining plug - in that implements predetermined function and assigning determined plug - in to one agent

Patent Assignee: ROCKWELL ELECTRONIC COMMERCE CORP (ROCK-N)

Inventor: BECKSTROM R P; BONIFAZI C; DEZONNO A J; HODSON J D; MICHELSON M J
; POWER M J; SHAMBAUGH C R; SUMNER R A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030191632	A1	20031009	US 2002118882	A	20020409	200379 B

Priority Applications (No Type Date): US 2002118882 A 20020409

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030191632	A1	13	G10L-021/00	

Abstract (Basic): US 20030191632 A1

NOVELTY - One plug-in such as training, agent to agent collaboration, mentoring and monitoring, that implements a predetermined **function** is **determined** in a call distribution system. One **plug - in** **assigned** to one agent, and the **plug - in** is activated in response to predetermined parameter of call distribution system.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) computer readable recorded medium storing agent utilization program;
- (2) computer program product for utilizing agent; and
- (3) agents utilization apparatus.

USE - For use in automatic call distribution system used in telephone call centers.

ADVANTAGE - The calls are efficiently routed to an agent, so as to minimize the waiting time of particular call.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining agents utilization process.

pp; 13 DwgNo 4/6

Title Terms: AGENT; UTILISE; METHOD; AUTOMATIC; CALL; DISTRIBUTE; SYSTEM; DETERMINE; PLUG; IMPLEMENT; PREDETERMINED; FUNCTION; ASSIGN; DETERMINE; PLUG; ONE; AGENT

Derwent Class: P86; T01; W01

International Patent Class (Main): G10L-021/00

File Segment: EPI; EngPI

4/5/12 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015719885 **Image available**

WPI Acc No: 2003-782085/200374

XRFX Acc No: N03-626649

Internet response measurement system uses web server to transmit generated JAVA applet to user for processing applet and to determine information related to data transmission time

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002300205	A	20021011	JP 200194967	A	20010329	200374 B

Priority Applications (No Type Date): JP 200194967 A 20010329

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002300205	A	7	H04L-012/56	

Abstract (Basic): JP 2002300205 A

NOVELTY - A web server (10) transmits a generated JAVA applet (40) to a user terminal (20) through internet (30) using applet generation and transmission **function** (110) which performs upload/download processing of data between web server and user terminal and **determines** timing information related with data transmission to user. A user terminal downloads JAVA **applet** performance **function** (70) to process the applet.

USE - Network e.g. Internet response measurement system.

ADVANTAGE - Measures network response without a general user having to perform any setting or preparation other than internet use environment in advance.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a internet response measurement system. (Drawing includes non-English language text).

web server (10)
user terminal (20)
internet (30)
JAVA applet (40)
JAVA applet download request/implementation function (60)
JAVA applet performance function (70)
applet generation and transmission function (110)
pp; 7 DwgNo 1/1

Title Terms: RESPOND; MEASURE; SYSTEM; WEB; SERVE; TRANSMIT; GENERATE; USER
; PROCESS; DETERMINE; INFORMATION; RELATED; DATA; TRANSMISSION; TIME
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/56
International Patent Class (Additional): G06F-013/00; H04L-029/08
File Segment: EPI

4/5/13 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015632510 **Image available**
WPI Acc No: 2003-694692/200366

Method for automatically intercepting and eliminating virus

Patent Assignee: BIZMODELINE CO LTD (BIZM-N)
Inventor: HONG J C; KIM J H; KWON B G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003042872	A	20030602	KR 200173681	A	20011126	200366 . B

Priority Applications (No Type Date): KR 200173681 A 20011126

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2003042872	A		1 G06F-017/00	

Abstract (Basic): KR 2003042872 A

NOVELTY - An automatic virus interception and elimination method is provided to plan a virus interception policy on a mail to be sent via a mail sender plug-in, to automatically eliminate all the viruses at a mail control center before a user opens a mail infected with viruses, and to send a vaccine program or an alarm mail to the user in a case that a computer has been already infected with a virus.

DETAILED DESCRIPTION - A mail sender clicks on a virus interception policy menu offered by a mail sender **plug - in** (300), and **determines** targets, in a policy plan interaction box(305). Then, the mail sender **plug - in** plans the first virus interception policy such as a mail access **number**, an access allowance range, a reading limit time, or a mail expiration time(310). The mail sender plug-in plans the second virus interception policy such as a known virus interception policy, a new virus interception policy, and a basic message included in an alarm mail(315). The mail sender plug-in determines whether the currently planned policy is used as a basic policy(320). In a case that the currently planned policy is used as a basic policy, the corresponding policy is stored at a computer of a mail sender(325, 330), and it is applied to all the policy targets. In a case that the currently policy is not used as a basic policy, the corresponding policy is applied to only the mail to be currently sent(335).

pp; 1 DwgNo 1/10

Title Terms: METHOD; AUTOMATIC; INTERCEPT; ELIMINATE; VIRUS
Derwent Class: T01
International Patent Class (Main): G06F-017/00
File Segment: EPI

4/5/15 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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015265277 **Image available**
WPI Acc No: 2003-326206/200331

Device for notarizing electronic document and method thereof
Patent Assignee: INITECH CO (INIT-N); LAWMARKET ASIA CO LTD (LAWM-N)
Inventor: CHOI I G
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
KR 2002093680 A 20021216 KR 200263638 A 20021017 200331 B

Priority Applications (No Type Date): KR 200263638 A 20021017

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002093680	A		1 G06F-017/60	

Abstract (Basic): KR 2002093680 A

NOVELTY - A device for notarizing an electronic document and a method thereof are provided to secure a legal effect by checking a validity of a certificate of authentication from a notarization center to an authentication center and performing an electronic signature using a secret key when an applicant calculates a hash value of an electronic document and transmits the document to the notarization center with the certificate of authentication.

DETAILED DESCRIPTION - A user computer(110) and a notarization center(120) are connected through an Internet network. The notarization center(120) and an official authentication center(130) are connected through a private line. The user computer(110) and the notarization center(120) are formed as a server/client structure. The notarization center(120) and the official authentication center(130) are formed as a server/client structure, also. A notarization plug-in module being supplied from the notarization center(120) is installed in the user computer(110). The notarization plug-in module performs a function for calculating a hash value of an electronic document and performs a function for attaching the certificate of authentication of the user to the hash value and transmitting the certificate. The notarization plug-in module receives inconvertible date information from the notarization center(120), combines the information with the original file, and creates an XML file. If the user computer(110) is connected to the notarization center(120), the notarization center(120) supplies an installation screen of the notarization plug-in module and makes the notarization plug-in module be installed in the user computer(110).

pp; 1 DwgNo 1/10

Title Terms: DEVICE; ELECTRONIC; DOCUMENT; METHOD
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

4/5/21 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012164127
WPI Acc No: 1998-581039/199849
XRPX Acc No: N98-452641

Proxy authorisation value reset method for web browsers - uses proxy plugin capable of dynamically generating reset login page utilised to send fabricated 407 challenges to browser
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 414080	A	19981010	RD 98414080	A	19980920	199849 B

Priority Applications (No Type Date): RD 98414080 A 19980920

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RD 414080	A	2	G06F-000/00	

Abstract (Basic): RD 414080 A

The proxy authorisation **value** reset method uses a proxy **plugin** , which is designed to **determine** whether the response is one of two options. This is if the browser's response to a 407 is an automatically generated response or whether the response has given the user the opportunity to enter a new login and password. The response of the plugin follows a designated pathway, with a response determined to be from the user, resulting in a dynamically generated web page that informs the user that new login information has been stored.

The browser times how long the browser takes to respond to the 407 challenge, if the browser's response arrives in less than a second then it is assumed to be an automatic response, and as such a new 407 challenge is sent immediately. If the response is longer than one second then it is assumed that it is a human generated response.

ADVANTAGE - Allows user to update login and password information and to enable leased logins intended to be valid for a fixed amount of time.

Dwg.0

Title Terms: AUTHORISE; VALUE; RESET; METHOD; WEB; CAPABLE; DYNAMIC; GENERATE; RESET; PAGE; UTILISE; SEND; FABRICATE

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

4/5/22 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012089202 **Image available**

WPI Acc No: 1998-506113/199843

XRPX Acc No: N98-394568

Extended printer control interface for digital printing system - has extended plug provided in software module that responds to extended suite of API calls for controlling printer

Patent Assignee: EASTMAN KODAK CO (EAST)

Inventor: KUCHTA D W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5805777	A	19980908	US 955206	A	19951011	199843 B
			US 96656616	A	19960531	

Priority Applications (No Type Date): US 955206 P 19951011; US 96656616 A 19960531

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5805777	A	24	G06F-015/00	Provisional application US 955206

Abstract (Basic): US 5805777 A

The interface has an extended suite of API calls which include API support calls, user interface calls, printer calls and **calculation** calls. A first call returns a version **number** of an API supported by a **plug - in** software module (32,34). A second call gets a list of other calls supported by the plug-in software module.

A third call returns information about the plug-in software module. A fourth call frees up resources used by the plug-in software module.

An extended host application (30) executes extended suite of API calls.
An extended plug-in software module responds to extended suite of API
calls for controlling the printer (14,16,18,20).

USE - For computer system.

ADVANTAGE - Enables variety of host applications to share extended
plug-in module for performing variety of functions

Dwg.1/5

9/TI/1 (Item 1 from file: 347)
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

METHOD AND DEVICE FOR CROSS HELICAL ROLLING OF SEAMLESS TUBE

9/TI/2 (Item 2 from file: 347)
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

PREHEAT CURRENT CONTROLLING TYPE GLOW PLUG

9/TI/3 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Internet object classifying method involves computing descriptor, name, text, image, audio, video, plug in and relational coefficients

9/TI/4 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Electrical system containing positive temperature coefficient (PTC) circuit protection devices and, optionally, plug - in unit with diagnostics pin connection, eg.

9/TI/5 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

Expanding plug for pressure vessel - contains body of high heat expansion coefficient, ensuring tight fit of plug in vessel aperture at elevated temp.

File 348:EUROPEAN PATENTS 1978-2005/Sep W01

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050908,UT=20050901

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	21107	PLUGIN? ? OR PLUG() IN? ?
S2	6298	APPLET? ?
S3	161731	COEFFICIENT? ? OR CO()EFFICIENT? ?
S4	304	(DETERMIN? OR CALCULAT? OR ASCERTAIN? OR FIND??? OR FOUND - OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG??? OR DISCERN? OR DERIV? OR ASSIGN?) (7N) (VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR INTEGER? ? OR DIGIT? ? OR FUNCTION? ?) (7N) - S1:S2
S5	427844	CLASSIF? OR CATEGOR? OR CLUSTER???
S6	744253	GROUP???
S7	2740	(ADULT OR MATURE OR PORNOGRAPHIC OR LASCIVIOUS OR VIOLENT - OR OFFENSIVE) (5N) (CONTENT? ? OR IMAGE? ? OR PICTURE? ? OR PHO- TO? ? OR PHOTOGRAPH? ? OR GRAPHICS OR MATERIAL OR PAGE? ? OR - WEBPAGE? ? OR LITERATURE OR VIDEO? ? OR MOVIE? ? OR FILM? ?)
S8	452705	PORN OR PORNOGRAPHY OR FILTER???
S9	8	S1:S2 (10N) S3
S10	0	S4 (100N) (S7 OR PORN OR PORNOGRAPHY)
S11	385137	(DETERMIN? OR CALCULAT? OR ASCERTAIN? OR FIND??? OR FOUND - OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG??? OR DISCERN? OR DERIV? OR ASSIGN?) (5N) (VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR INTEGER? ? OR DIGIT? ? OR FUNCTION? ?)
S12	12	S4 (50N) S5
S13	18	S4 (100N) S5
S14	106	S11 (100N) (S7 OR PORN OR PORNOGRAPHY)
S15	49	S11 (100N) (S7 OR PORN OR PORNOGRAPHY) (100N) S5
S16	28	S15 AND IC=G06F
S17	17	S16 AND AY=1970:2000/PR AND AC=US/PR
S18	17	S16 AND AY=1970:2000 AND AC=US
S19	3	S16 AND PY=1970:2000
S20	18	S17:S19

13/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01535059

Application program interfaces for semantically labeling strings and providing actions based on semantically labeled strings

Anwendungsprogrammschnittstellen für die semantische Kennzeichnung von Zeichenfolgen und für die Bereitstellung von Funktionen anhand semantisch gekennzeichnete Zeichenfolgen

Interfaces de programme d'application pour l'etiquetage semantique des suites de caracteres et pour le provision des fonctions a base des suites de caracteres semantiquement etiquetees

PATENT ASSIGNEE:

MICROSOFT CORPORATION, (749866), One Microsoft Way, Redmond, WA 98052, (US), (Applicant designated States: all)

INVENTOR:

Reynar, Jeff, 23322 N.E. 138th Way, Woodinville, Washington 98072, (US)

Wang, Ziyi, 15705 N.E. 59th Way, Redmond, Washington 98052, (US)

Wolff, Roger, 4128211 th Court NE, Sammamish, Washington 98074, (US)

Huynh, Tuan, 2922 Western Avenue No.603, Seattle, Washington 98121, (US)

Higashiyama, Nobuya, 21127 S.E. 40th Place, Issaquah, Washington 98029, (US)

Ammerlaan, Michael, 22626 N.E. Inglewood Hill Road No.526, Sammamish, Washington 98053, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1280068 A2 030129 (Basic)
EP 1280068 A3 050622

APPLICATION (CC, No, Date): EP 2002014717 020703;

PRIORITY (CC, No, Date): US 906467 010716

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/27

ABSTRACT WORD COUNT: 229

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Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

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Available Text	Language	Update	Word Count
CLAIMS A	(English)	200305	1132
SPEC A	(English)	200305	7580
Total word count - document A			8712
Total word count - document B			0
Total word count - documents A + B			8712

...SPECIFICATION the recognizer DLL 210 passes strings to the recognizer plug-ins 220 in one paragraph or cell value increments.

As part of recognizing certain strings as including semantic information, the recognizer plug - ins 220 determine which strings are to be labeled and how they are to be labeled. After receiving these results from the various recognizer plug-ins 220, the recognizer DLL 210 sends semantic categories to the application program module. In a preferred embodiment, a semantic category comprises the recognized string, a type label, and a download URL. A semantic category may also comprise metadata. The recognizer plug-ins 220 each run separately and the recognizer DLL 210...

13/3,K/5 (Item 2 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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01153716 **Image available**

**SEMANTIC KNOWLEDGE RETRIEVAL MANAGEMENT AND PRESENTATION
SYSTEME ET PROCEDE POUR UNE EXTRACTION, UNE GESTION, UNE CAPTURE, UN
PARTAGE, UNE DECOUVERTE, UNE DISTRIBUTION ET UNE PRESENTATION DE
CONNAISSANCES SEMANTIQUES**

Patent Applicant/Assignee:

NERVANA INC, 10838 Main Street, Bellevue WA, 98004, US, US (Residence),
US (Nationality)

Inventor(s):

OMOIGUI Nosa, 549 239th Avenue S.E., Redmond, WA 98074, US,

Legal Representative:

BLACK Richard T (agent), Black Lowe & Graham PLLC, 816 Second Avenue,
Seattle, WA 98104, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200475466 A2-A3 20040902 (WO 0475466)

Application: WO 2004US4674 20040217 (PCT/WO US04004674)

Priority Application: US 2003447736 20030214

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 160617

Fulltext Availability:

Detailed Description

Detailed Description

... has been updated. The Web service will use the last-modified timestamp
of the ontology file to **determine** whether the **plug - in** has been
updated. If the **plug - in** has been updated, the Web service will return
the new ontology file to the calling KDS. The...

13/3,K/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01102087 **Image available**

**A METHOD OF BUYING OR SELLING ITEMS AND A USER INTERFACE TO FACILITATE THE
SAME**

**PROCEDE D'ACHAT OU DE VENTE D'ARTICLES ET INTERFACE UTILISATEUR POUR LE
FACILITER**

Patent Applicant/Inventor:

RAM Pranil, c/o Juliet Yu, Unit 5-C, Legaspi Towers 300 Condominium, 2600
Roxas Boulevard (corner Vito Cruz), Manila City 1000, PH, PH

(Residence), CA (Nationality)

ALDOMOVAR Crispin M, 2071-B Nuestra Senora St., Guadalupe, Makati City
1000, PH, PH (Residence), PH (Nationality), (Designated only for: US)

Legal Representative:

KEYSER MASON BALL LLP (agent), Four Robert Speck Parkway, Suite 1600,
Mississauga, Ontario L4Z 1S1, CA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200425525 A2 20040325 (WO 0425525)

Application: WO 2003CA1377 20030909 (PCT/WO CA03001377)

Priority Application: CA 2403300 20020912

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 65468

Fulltext Availability:

Detailed Description

Detailed Description

... the Plug-in Preference Data - which may be visualized, and displayed as a table of input value **categories** and their corresponding output values - for an entry that matches the supplied input data. If an entry

... If the outcome of the "Match Found?" decision step 1144 is "True", then the "Return the Output **Value**" step 1148 is performed next. In this step the output **value found** during the "Using **Plug - in** Rules Match the Input Data to an Output **Value**" step 1142 is returned to the PG Computation Module. The output value of a plug-in is...trade based on the PG input security's trading price. The table is configured to output a **value** for "ANY" equity security 1801 without restriction. Each **plug - in** table interface is **assigned** a **number** and possesses a title area 1802 for identification. The PG input security's price data is arranged according to its price range **category** in cells below the input column header 1804. The table output amounts are listed under the table...

...1806. Each table output amount corresponds to its respective input row and its associated input price range **category**.

The table output amount is based on the last price of the PG input security. For example...

? t/3,k/7,8,11,18

13/3,K/7 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01064347 **Image available**

SYSTEMS AND METHODS FOR COLLABORATIVE BUSINESS PLUG-INS

SYSTEMES ET PROCEDES POUR MODULES D'EXTENSION DE COLLABORATION COMMERCIALE

Patent Applicant/Assignee:

BEA SYSTEMS INC, 2315 North First Street, San Jose, CA 95131, US, US

(Residence), US (Nationality)

Inventor(s):

BLEVINS Mike, 24401 Shake Ridge Road, Volcano, CA 95689, US,

Legal Representative:

MEYER Sheldon R (agent), Fliesler Dubb Meyer and Lovejoy LLP, Four

Embarcadero Center, Suite 400, San Francisco, CA 94111-4156, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200393946 A2 20031113 (WO 0393946)

Application: WO 2003US13921 20030501 (PCT/WO US0313921)

Priority Application: US 2002377157 20020502; US 2003404296 20030401

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16550

Fulltext Availability:

Detailed Description

Detailed Description

... class. Such information can include
information about plug-in defined starts, events, dones, actions,
templates, template definitions, **functions**, and variable types. It can
be the responsibility of the **plug - in** to **assign** a unique identifier
to each of the above objects. The **plug - in** can also be responsible for
localizing these objects.

All info objects can share the same approach to...
...in manager can then create an instance.

Plug-ins can add plug-in defined actions or action **categories** to an
integration-defined tree. When a user tries to add an action at the
design time...

13/3,K/8 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00961432 **Image available**

METHOD AND APPARATUS FOR LICENSING MEDIA OVER A NETWORK
PROCEDE ET APPAREIL DESTINES A LA CONCESSION DE LICENCES D'EXPLOITATION
D'UN CONTENU MEDIA SUR UN RESEAU

Patent Applicant/Assignee:

LICENSEMUSIC COM INC, 330 Townsend Street, Suite 212, San Francisco, CA
94017, US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

LEONHARD Gerd, Reschofweg 4, Winden 79297, DE, DE (Residence), DE
(Nationality), (Designated only for: US)
WOLOSEWICZ Jack, 1592 Union Street, #12, San Francisco, CA 94123, US, US
(Residence), US (Nationality), (Designated only for: US)
KELLY Jim, 3400 Stevenson Boulevard, #G12, Fremont, CA 94538, US, US
(Residence), US (Nationality), (Designated only for: US)
NEIL Andy, P.O. Box 8385, Berkeley, CA 94707-8385, US, US (Residence), US
(Nationality), (Designated only for: US)
POLOVINCHIK Igor, 453 11th Avenue, San Francisco, CA 94118, US, US
(Residence), US (Nationality), (Designated only for: US)
TALYAMSKY Alex, 564 Skyline Drive, Daly City, CA 94015, US, US
(Residence), US (Nationality), (Designated only for: US)
TORNQVIST Tobias, 238 Francisco, San Francisco, CA 94118, US, US
(Residence), SE (Nationality), (Designated only for: US)
WHEELER Bill, 130 16th Avenue, San Francisco, CA 94118, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

SCHEID Robert E (et al) (agent), Morrison & Foerster LLP, 425 Market
Street, San Francisco, CA 94105-2482, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200295544 A2 20021128 (WO 0295544)
Application: WO 2002US22508 20020111 (PCT/WO US0222508)
Priority Application: US 2001760082 20010112

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24687

Fulltext Availability:

Detailed Description

Detailed Description

... running fee value.

c. After each question is answered, the answer is processed, and the running fee value is calculated, formatted for display, and returned to the remote scripting applet for display to the user.

d. Exceptions.

iff no track has been selected, the calculation of prices operates to display a "typical" price for several pricing categories. In the current implementation, five different pricing categories are shown, each with a price typical of tracks in that category. The price is still affected by the media selection and user answers.

ii.If the pricing model...

13/3,K/11 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00843106 **Image available**

SYSTEM AND METHOD FOR ESTABLISHING ELECTRONIC BUSINESS SYSTEMS FOR
SUPPORTING COMMUNICATIONS SERVICES COMMERCE
SYSTEME ET PROCEDE PERMETTANT D'ETABLIR DES SYSTEMES DE COMMERCE
ELECTRONIQUE POUR LE SUPPORT DU COMMERCE PAR DES SERVICES DE
COMMUNICATION

Patent Applicant/Assignee:

CYGENT INC, 201 3rd Street, 2nd Floor, San Francisco, CA 94103, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ELMORE Kevin, 653 Park Hill Road, Danville, CA 94526, US, US (Residence),
US (Nationality), (Designated only for: US)

HOESER Vince, 20 Beaumont Court, Lafayette, CA 94549, US, US (Residence),
US (Nationality), (Designated only for: US)

HOM David, 187 Magellan Avenue, San Francisco, CA 94116, US, US

(Residence), US (Nationality), (Designated only for: US)
 HORNE Linda, 6026 Ridgmont Drive, Oakland, CA 94619, US, US (Residence),
 US (Nationality), (Designated only for: US)
 KAAKE Charles, 1931 Filbert Street, San Francisco, CA 94123, US, US
 (Residence), US (Nationality), (Designated only for: US)
 KELLY Kevin, 2334 Divisadero Street, #4, San Francisco, CA 94115, US, US
 (Residence), US (Nationality), (Designated only for: US)
 MABEL Mark, 796 Ashbury Street, San Francisco, CA 94117, US, US
 (Residence), US (Nationality), (Designated only for: US)
 RODRIGUEZ Hal, 619 25th Avenue #2, San Francisco, CA 94121, US, US
 (Residence), US (Nationality), (Designated only for: US)
 STEPHENS Paul, 957 Oak Street, #C, San Francisco, CA 94117, US, US
 (Residence), US (Nationality), (Designated only for: US)
 POKOTYLO Vadim, 20008 Gem Court, Castro Valley, CA 94546, US, US
 (Residence), MD (Nationality), (Designated only for: US)
 BAKHRU Girish, 225 Irving Street #9, San Francisco, CA 94122, US, US
 (Residence), IN (Nationality), (Designated only for: US)
 Legal Representative:
 GLENN Michael (et al) (agent), Glenn Patent Group, Suite L., 3475 Edison
 Way, Menlo Park, CA 94025, US,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 200175549 A2-A3 20011011 (WO 0175549)
 Application: WO 2001US10473 20010330 (PCT/WO US0110473)
 Priority Application: US 2000193315 20000330
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)
 AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
 UG US UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 84642

Fulltext Availability:
 Detailed Description

Detailed Description
 ... END

DT Y DATE Last date that the content item can
 be displayed
 DSPL-MAX-COUNT Y NUMBER (Maximum number of times the
 content item can be displayed
 PLUGIN -CD N NUMBER (9) Code indicating the plug - in used to
 determine the content items to
 displa
 CATGRY-CD N NUMBER (9) Code indicating the content item
 category
 TARGET-CLASS Y VARCHAR2 (80) Fully-qualified path of the target class
 such as a display attribute...

13/3,K/18 (Item 15 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00569865
 ASSIGNMENT MANAGER
 GESTIONNAIRE D'AFFECTATIONS

Patent Applicant/Assignee:

SIEBEL SYSTEMS INC,
BRODERSEN Robert A,
CHATTERJEE Prashant,
LIM Peter S,
MALDEN Matthew,
WANDLESS Duane,

Inventor(s):

BRODERSEN Robert A,
CHATTERJEE Prashant,
LIM Peter S,
MALDEN Matthew,
WANDLESS Duane,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200033238 A2 20000608 (WO 0033238)
Application: WO 99US28426 19991130 (PCT/WO US9928426)
Priority Application: US 98110269 19981130

Designated States:

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10296

Fulltext Availability:

Detailed Description

Detailed Description

... states: "Not Talking", "Not Busy", and "Available." This is useful
"Inbound Call Routing" and "Transfer Call Routing."

Assignment Criteria Values .

The **Assignment Values** applet is dynamic and based on the Criteria.
In the example shown, Address is a **Category** that contains three
attributes, (City, State, and Zip) Zip has been defined as Range Enabled
so it...

...Rules" view, 6 1. It shows the "Field", 6 1 a the "Comparison", 6 1 b,
and the " Value ," 6 1 c.

The Workload Rules list **applet** has columns in the following order: Name
and **Assignment** Task.

The Workload Conditions form **applet** is a list view that has fields in
the following order: Field, Comparison, Value. This applet behaves...

...Range, 71e. The "All Objects" frame, 73, shows the Objects, 73a, and the
Column, 73b. The "All **Categories** " view, 75, shows the **Category** , 75a,
and the Attributes, 75b. This information defined in this view may be
defined and viewed in...

File 8: Ei Compendex(R) 1970-2005/Aug W4
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File 35: Dissertation Abs Online 1861-2005/Aug
(c) 2005 ProQuest Info&Learning
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File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34: SciSearch(R) Cited Ref Sci 1990-2005/Sep W1
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File 266: FEDRIP 2005/Jun
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(c) 2002 The Gale Group
File 483: Newspaper Abs Daily 1986-2005/Sep 10
(c) 2005 ProQuest Info&Learning
File 256: TecInfoSource 82-2005/Sep
(c) 2005 Info.Sources Inc

Set	Items	Description
S1	13648	PLUGIN? ? OR PLUG() IN? ?
S2	4706	APPLET? ?
S3	1491474	COEFFICIENT? ? OR CO()EFFICIENT? ?
S4	80	(DETERMIN? OR CALCULAT? OR ASCERTAIN? OR FIND??? OR FOUND - OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG??? OR DISCERN? OR DERIV? OR ASSIGN?) (7N) (VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR INTEGER? ? OR DIGIT? ? OR FUNCTION? ?) (7N) - S1:S2
S5	2279069	CLASSIF? OR CATEGOR? OR CLUSTER???
S6	4964896	GROUP???
S7	14744	(ADULT OR MATURE OR PORNOGRAPHIC OR VIOLENT OR OFFENSIVE OR SEXUALLY()EXPLICIT) (5N) (CONTENT? ? OR IMAGE? ? OR PICTURE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR GRAPHICS OR MATERIAL OR PAGE? ? OR WEBPAGE? ? OR LITERATURE OR VIDEO? ? OR MOVIE? ? OR FILM? ?)
S8	13722	PORN OR PORNOGRAPHY
S9	10	S1:S2(10N)S3
S10	7	RD (unique items)
S11	14	S4 AND S5:S8
S12	60	RD S4 (unique items)
S13	11	S11 AND S12
S14	49	S12 NOT S13
S15	1148222	(DETERMIN? OR CALCULAT? OR ASCERTAIN? OR FIND??? OR FOUND - OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR GAUG??? OR DISCERN? OR DERIV? OR ASSIGN?) (5N) (VALUE OR VALUES OR NUMBER? ? OR NUMERAL? ? OR INTEGER? ? OR DIGIT? ? OR FUNCTION? ?)
S16	223	S15 AND S7:S8
S17	57	S5:S6 AND S16
S18	11	S16 AND FILTER???
S19	63	S17:S18
S20	59	RD (unique items)
S21	36	S20 NOT PY=2001:2005

14/5/16 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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08891480 INSPEC Abstract Number: B2004-04-6210L-266, C2004-04-6130S-158

Title: Applet verification strategies for RAM-constrained devices

Author(s): Maltesson, N.; Naccahe, D.; Trichina, E.; Tymen, C.

Author Affiliation: Lund Inst. of Technol., Sweden

Conference Title: Information Security and Cryptology - ICISC 2002. 5th International Conference. Revised Papers (Lecture Notes in Computer Science Vol.2587) p.118-37

Editor(s): Joong Lee, P.; Hoon Lim, C.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 2003 Country of Publication: Germany xi+536 pp.

ISBN: 3 540 00716 4 Material Identity Number: XX-2003-00826

Conference Title: Information Security and Cryptology - ICISC 2002. 5th International Conference. Revised Papers

Conference Sponsor: Minstr. Inf. & Commun

Conference Date: 28-29 Nov. 2002 Conference Location: Seoul, South Korea

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T); Experimental (X)

Abstract: While bringing considerable flexibility and extending the horizons of mobile computing, mobile code raises major security issues. Hence, mobile code, such as Java applets, needs to be analyzed before execution. The byte-code verifier checks low-level security properties that ensure that the downloaded code cannot bypass the virtual machine's security mechanisms. One of the statically ensured properties is type safety. The type-inference phase is the overwhelming resource-consuming part of the verification process. This paper addresses the RAM bottleneck met while verifying mobile code in memory-constrained environments such as smart-cards. We propose to modify classic type-inference in a way that significantly reduces memory consumption. Our algorithm is inspired by bit-slice data processing and consists in running the verifier on each variable in turn. In other words, instead of running the fix-point calculation algorithm once on M variables, we re-launch the algorithm M/l times, verifying each time only l variables. Parameter l can then be tuned to suit the RAM resources available on board whereas M/l upper-bounds the computational effort (expressed in re-runs of the usual fix-point calculation algorithm). The resulting RAM economy, as experimented on a number of popular applets, is around 40%. (17 Refs)

Subfile: B C

Descriptors: distributed programming; Java; mobile computing; random-access storage; security of data; smart cards; virtual machines

Identifiers: applet verification strategies; RAM-constrained devices; mobile computing; mobile code; Java applets; byte-code verifier; low-level security property; virtual machine security mechanisms; memory-constrained environments; smart-cards; bit-slice data processing; fix-point calculation algorithm

Class Codes: B6210L (Computer communications); B1265D (Memory circuits); C6130S (Data security); C6150N (Distributed systems software); C6110J (Object-oriented programming); C5320G (Semiconductor storage); C7430 (Computer engineering)

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14/5/38 (Item 5 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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07006083 Genuine Article#: 113MU Number of References: 1

Title: Java applet computes standard values

Author(s): Campbell V (REPRINT)

Corporate Source: DIGITAL RADIO COMMUN CORP,/AMER FORK//UT/84003 (REPRINT)

Journal: EDN, 1998, V43, N17 (AUG 17), P110-110

ISSN: 0012-7515 Publication date: 19980817
Publisher: CAHNERS-DENVER PUBLISHING CO, 8773 S RIDGELINE BLVD, HIGHLANDS
RANCH, CO 80126-2329
Language: English Document Type: EDITORIAL MATERIAL
Geographic Location: USA
Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology
Journal Subject Category: ENGINEERING, ELECTRICAL & ELECTRONIC
Cited References:
BIDWELL DC, 1982, P167, EDN 0303

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DIALOG(R) File 256:TecInfoSource
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AUTHOR: Whiting, Rick
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AlphaBlox, the developer of a building block-type system that allows users to quickly construct and implement analytical applications, has created an application platform for IS that allows analysts to ensure that analysis applications are current and able to support a dynamic business environment. Michael Skok, founder and CEO of AlphaBlox, says that each chunk of information collected will at some point in time be analyzed, or users would not bother to save it. AlphaBlox's product differs from query and reporting tools, which simply cull raw data from data warehouses and other sources. Instead, AlphaBlox's analytical applications have inherent business logic for assessing the profitability of a product line, homing in on customer trends, and forecasting how far off budget a project may be. For instance, one of AlphaBlox's financial services customers uses the software to compute the level of risk of its investments and credit loans. Such vendors as Hyperion Solutions, Oracle, and SAP have begun to develop and sell applications for financial and sales analysis, but many applications support only a narrow scope of functions. Many require extensive experience not available in the average business. AlphaBlox's cornerstone product, Enlighten, resolves these issues with a series of preconstructed Java **applets**, called Blox, with prebuilt interfaces to analytical **calculations** and **functions**, that include time-based, geographical, comparative, budget vs. actual, and variance analyses.